

FIG. 2

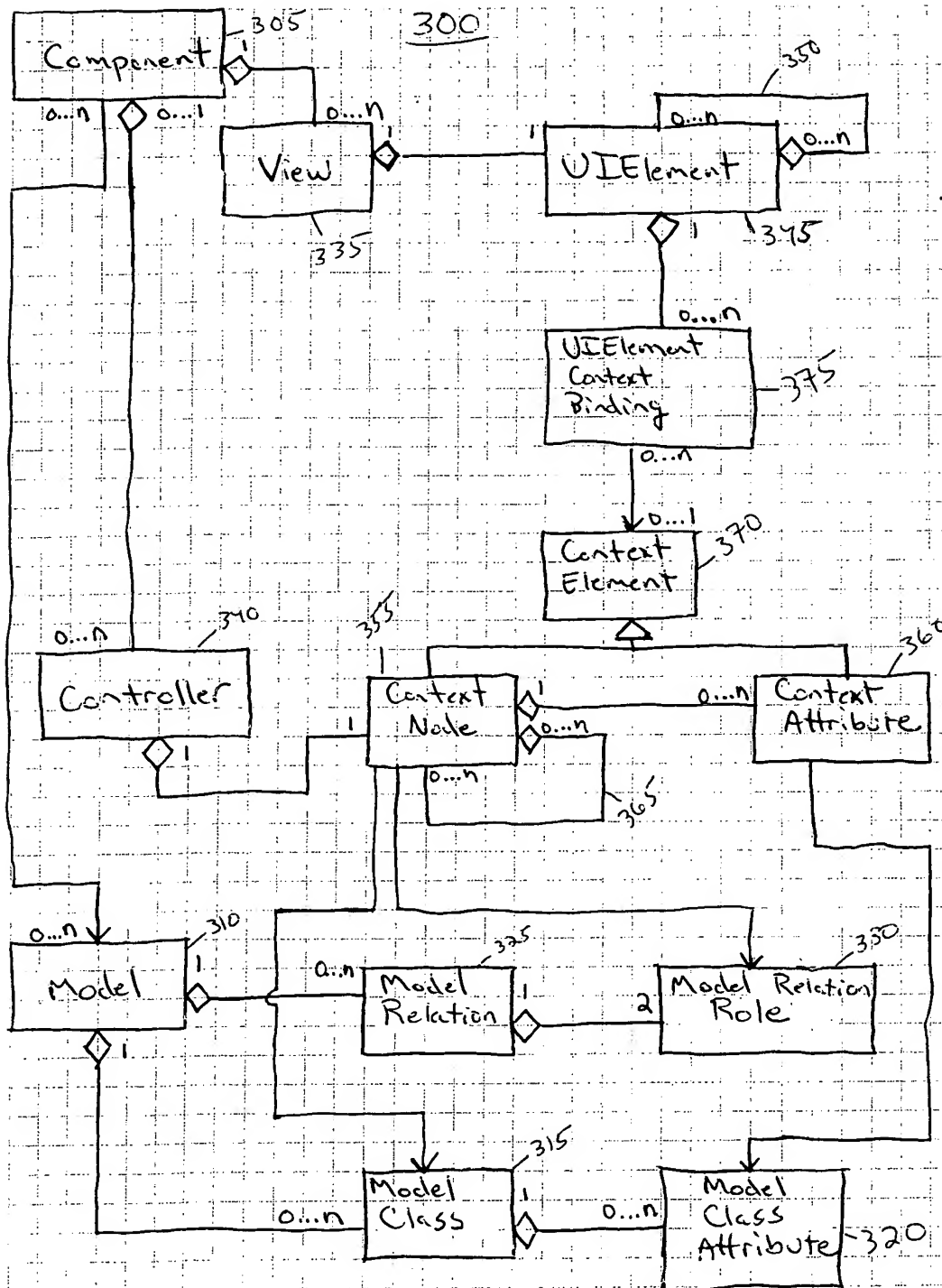
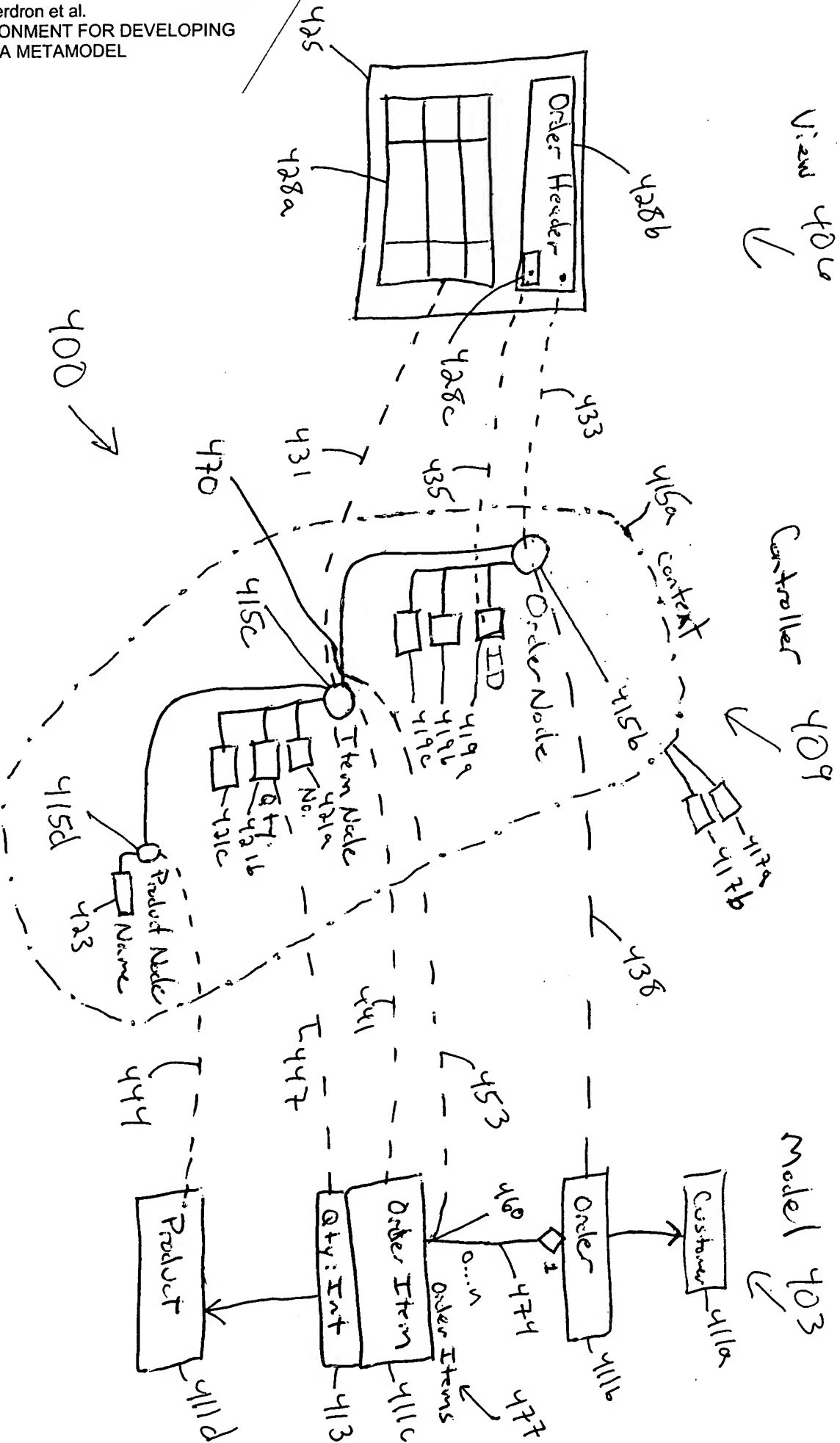
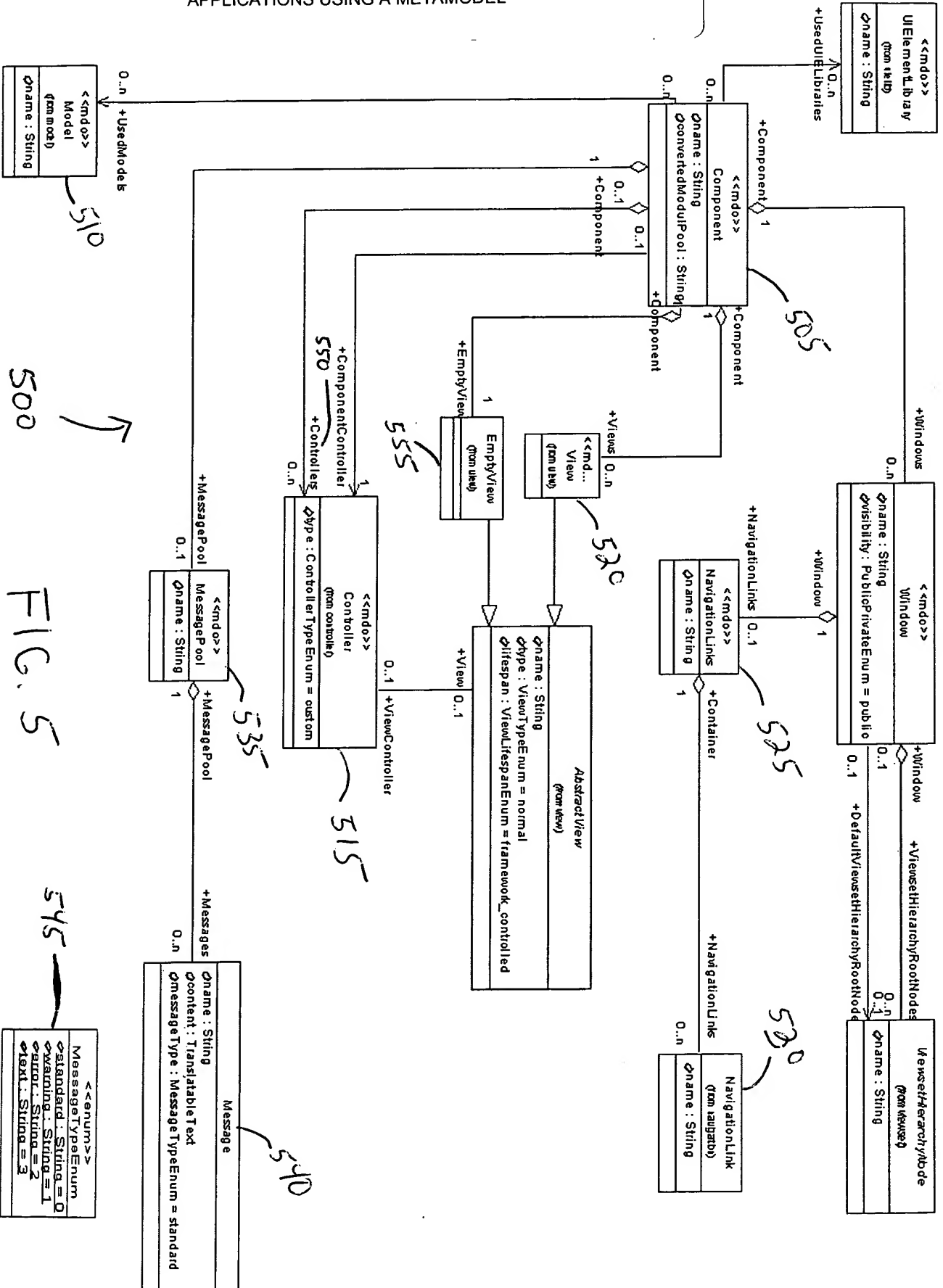


FIG. 3

FIG. 4



Class Diagram: component / Components





ΠΙΣ

The diagram is a UML class diagram for a software architecture, labeled FIG. 7. It shows a hierarchy of classes and their relationships. Handwritten annotations in blue and red mark specific elements and relationships.

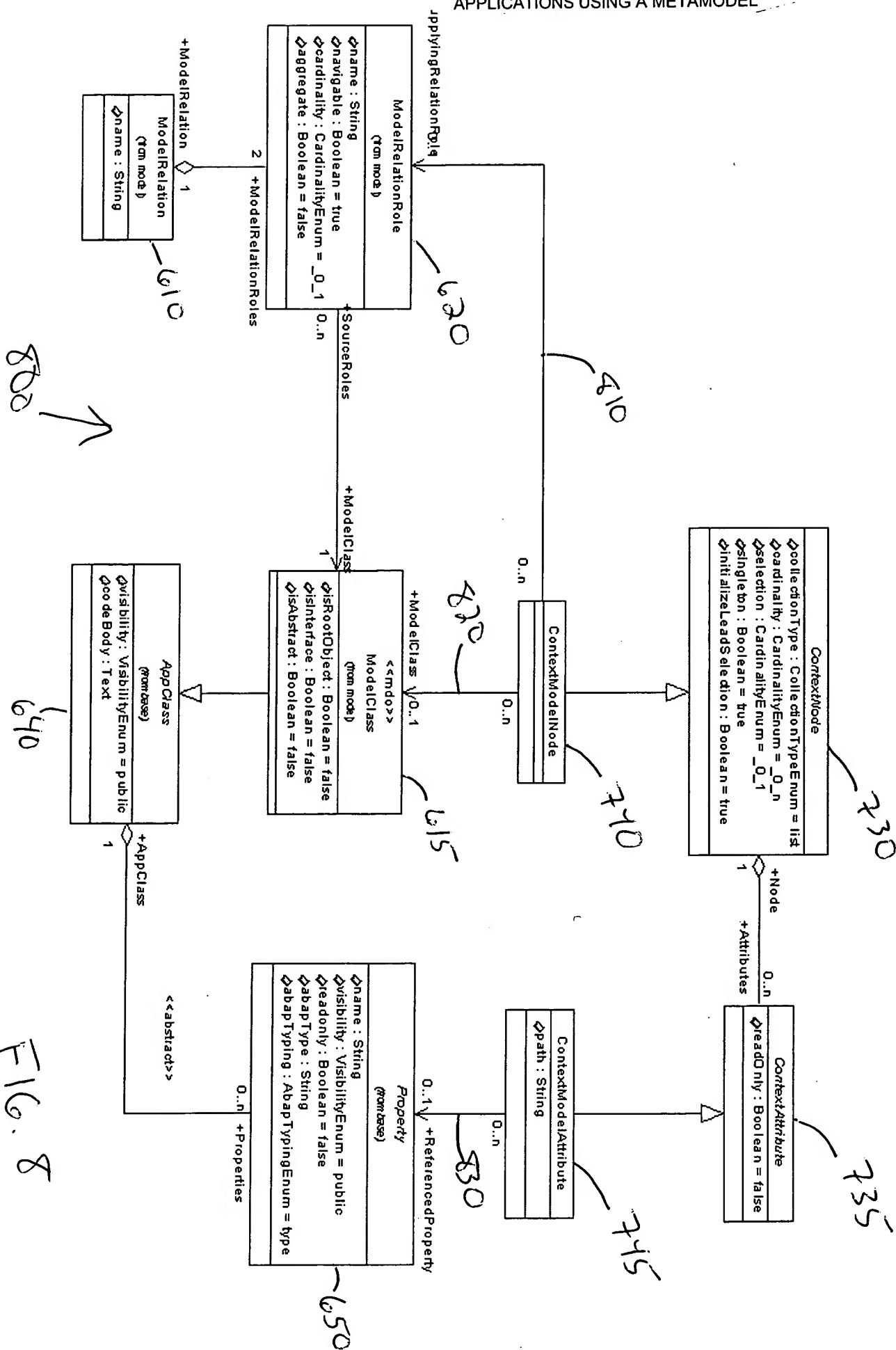
- Procedure (abstract)**: Visibility: VisibilityEnum = p... CodeBody: Text. It is the base class for **ControllerMethod**.
- ControllerMethod (abstract)**: Methods. It is the base class for **Property**.
- Property (abstract)**: Properties. It is the base class for **ControllerProperty**.
- ControllerProperty (abstract)**: Properties. It is the base class for **SupplyFunction**.
- SupplyFunction (abstract)**: SupplyFunction. It is the base class for **ContextValueNode**.
- ContextValueNode (abstract)**: ContextType: CollectionTypeEnum... CardinalityEnum = 0..n, Singleton: Boolean = true, InitializeSelection: Boolean = ... It is the base class for **ContextValueAttribute** and **ContextModelAttribute**.
- ContextValueAttribute (abstract)**: Attributes. It is the base class for **ContextValueAttribute**.
- ContextModelAttribute (abstract)**: Attributes. It is the base class for **ContextModelAttribute**.
- AppClass (abstract)**: Visibility: VisibilityEnum = p... CodeBody: Text. It is the base class for **Action** and **Controller**.
- Action (abstract)**: ActionTypeEnum = stat... Context: TranslatableText, ImageSource: String. It is the base class for **Controller**.
- Controller (abstract)**: ControllerTypeEnum = custom. It is the base class for **ContextValueNode** and **ContextModelAttribute**.
- ContextValueNode**: ContextValueNode. It is the base class for **ContextValueAttribute** and **ContextModelAttribute**.
- ContextValueAttribute**: ContextValueAttribute. It is the base class for **ContextValueAttribute**.
- ContextModelAttribute**: ContextModelAttribute. It is the base class for **ContextModelAttribute**.
- ControllerMethod**: ControllerMethod. It is the base class for **Property**.
- Property**: Property. It is the base class for **ControllerProperty**.
- ControllerProperty**: ControllerProperty. It is the base class for **SupplyFunction**.
- SupplyFunction**: SupplyFunction. It is the base class for **ContextValueNode**.
- ContextValueNode**: ContextValueNode. It is the base class for **ContextValueAttribute** and **ContextModelAttribute**.
- ContextValueAttribute**: ContextValueAttribute. It is the base class for **ContextValueAttribute**.
- ContextModelAttribute**: ContextModelAttribute. It is the base class for **ContextModelAttribute**.
- AppClass**: AppClass. It is the base class for **Action** and **Controller**.
- Action**: Action. It is the base class for **Controller**.
- Controller**: Controller. It is the base class for **ContextValueNode** and **ContextModelAttribute**.
- ContextValueNode**: ContextValueNode. It is the base class for **ContextValueAttribute** and **ContextModelAttribute**.
- ContextValueAttribute**: ContextValueAttribute. It is the base class for **ContextValueAttribute**.
- ContextModelAttribute**: ContextModelAttribute. It is the base class for **ContextModelAttribute**.
- ControllerMethod**: ControllerMethod. It is the base class for **Property**.
- Property**: Property. It is the base class for **ControllerProperty**.
- ControllerProperty**: ControllerProperty. It is the base class for **SupplyFunction**.
- SupplyFunction**: SupplyFunction. It is the base class for **ContextValueNode**.
- ContextValueNode**: ContextValueNode. It is the base class for **ContextValueAttribute** and **ContextModelAttribute**.
- ContextValueAttribute**: ContextValueAttribute. It is the base class for **ContextValueAttribute**.
- ContextModelAttribute**: ContextModelAttribute. It is the base class for **ContextModelAttribute**.
- AppClass**: AppClass. It is the base class for **Action** and **Controller**.
- Action**: Action. It is the base class for **Controller**.
- Controller**: Controller. It is the base class for **ContextValueNode** and **ContextModelAttribute**.
- ContextValueNode**: ContextValueNode. It is the base class for **ContextValueAttribute** and **ContextModelAttribute**.
- ContextValueAttribute**: ContextValueAttribute. It is the base class for **ContextValueAttribute**.
- ContextModelAttribute**: ContextModelAttribute. It is the base class for **ContextModelAttribute**.

Handwritten annotations in blue and red mark specific elements and relationships:

- 705**: Points to the **AppClass** class.
- 710**: Points to the **Controller** class.
- 715**: Points to the **ContextValueNode** class.
- 720**: Points to the **ContextValueAttribute** class.
- 725**: Points to the **ContextModelAttribute** class.
- 730**: Points to the **ContextValueNode** class.
- 735**: Points to the **ContextValueAttribute** class.
- 740**: Points to the **ContextModelAttribute** class.
- 745**: Points to the **ContextValueAttribute** class.
- 750**: Points to the **ContextModelAttribute** class.
- 755**: Points to the **ContextValueAttribute** class.
- 760**: Points to the **ContextModelAttribute** class.
- 765**: Points to the **ContextValueAttribute** class.
- 770**: Points to the **ContextModelAttribute** class.
- 775**: Points to the **ContextValueAttribute** class.
- 780**: Points to the **ContextModelAttribute** class.
- 785**: Points to the **ContextValueAttribute** class.
- 790**: Points to the **ContextModelAttribute** class.
- 795**: Points to the **ContextValueAttribute** class.
- 800**: Points to the **ContextModelAttribute** class.
- 805**: Points to the **ContextValueAttribute** class.
- 810**: Points to the **ContextModelAttribute** class.
- 815**: Points to the **ContextValueAttribute** class.
- 820**: Points to the **ContextModelAttribute** class.
- 825**: Points to the **ContextValueAttribute** class.
- 830**: Points to the **ContextModelAttribute** class.
- 835**: Points to the **ContextValueAttribute** class.
- 840**: Points to the **ContextModelAttribute** class.
- 845**: Points to the **ContextValueAttribute** class.
- 850**: Points to the **ContextModelAttribute** class.
- 855**: Points to the **ContextValueAttribute** class.
- 860**: Points to the **ContextModelAttribute** class.
- 865**: Points to the **ContextValueAttribute** class.
- 870**: Points to the **ContextModelAttribute** class.
- 875**: Points to the **ContextValueAttribute** class.
- 880**: Points to the **ContextModelAttribute** class.
- 885**: Points to the **ContextValueAttribute** class.
- 890**: Points to the **ContextModelAttribute** class.
- 895**: Points to the **ContextValueAttribute** class.
- 900**: Points to the **ContextModelAttribute** class.
- 905**: Points to the **ContextValueAttribute** class.
- 910**: Points to the **ContextModelAttribute** class.
- 915**: Points to the **ContextValueAttribute** class.
- 920**: Points to the **ContextModelAttribute** class.
- 925**: Points to the **ContextValueAttribute** class.
- 930**: Points to the **ContextModelAttribute** class.
- 935**: Points to the **ContextValueAttribute** class.
- 940**: Points to the **ContextModelAttribute** class.
- 945**: Points to the **ContextValueAttribute** class.
- 950**: Points to the **ContextModelAttribute** class.
- 955**: Points to the **ContextValueAttribute** class.
- 960**: Points to the **ContextModelAttribute** class.
- 965**: Points to the **ContextValueAttribute** class.
- 970**: Points to the **ContextModelAttribute** class.
- 975**: Points to the **ContextValueAttribute** class.
- 980**: Points to the **ContextModelAttribute** class.
- 985**: Points to the **ContextValueAttribute** class.
- 990**: Points to the **ContextModelAttribute** class.
- 995**: Points to the **ContextValueAttribute** class.

7/11

Class Diagram: controller / Context (Model Nodes)



[illegible]

File 9

Class Diagram: controller / Context Mapping

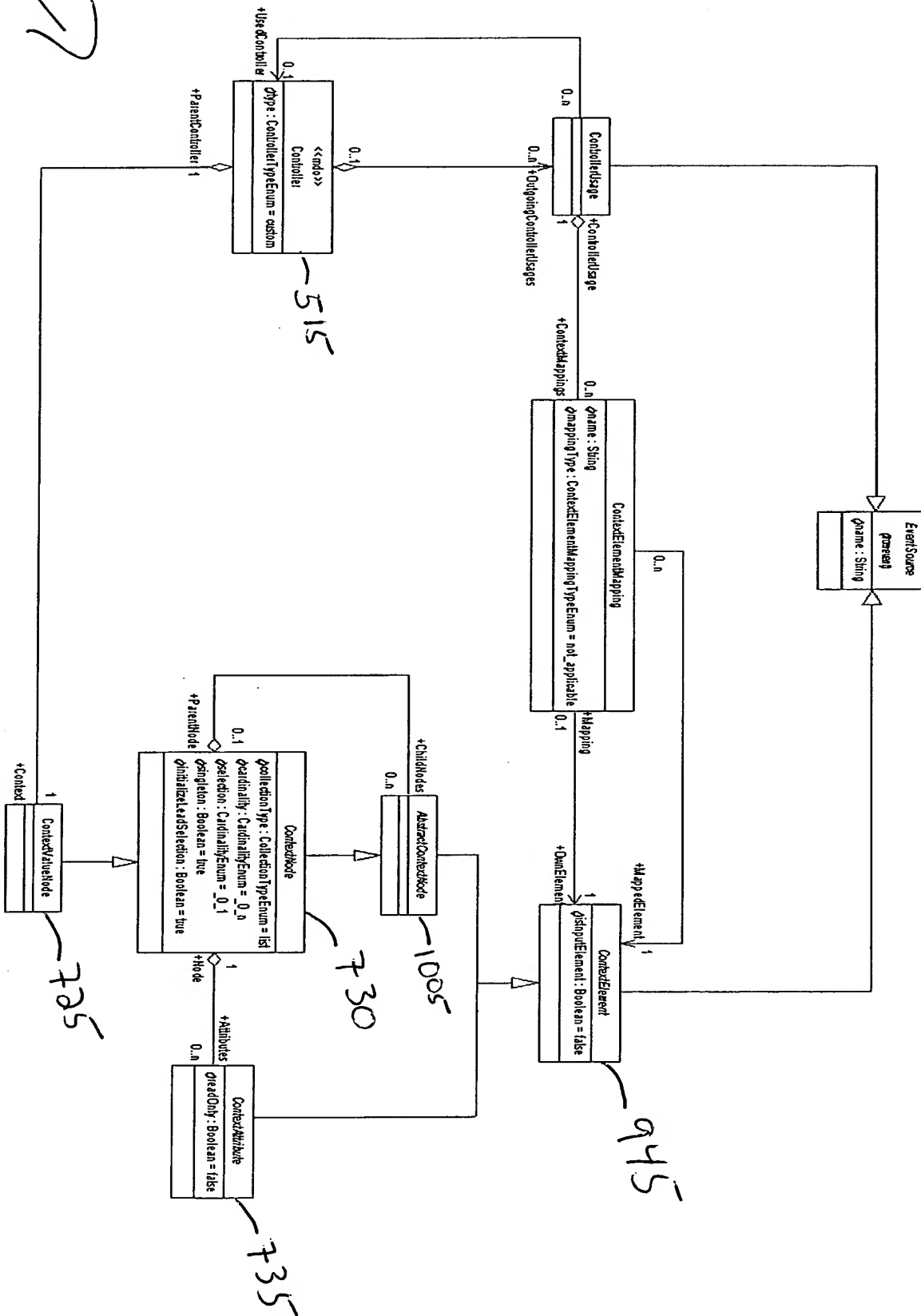


FIG. 10

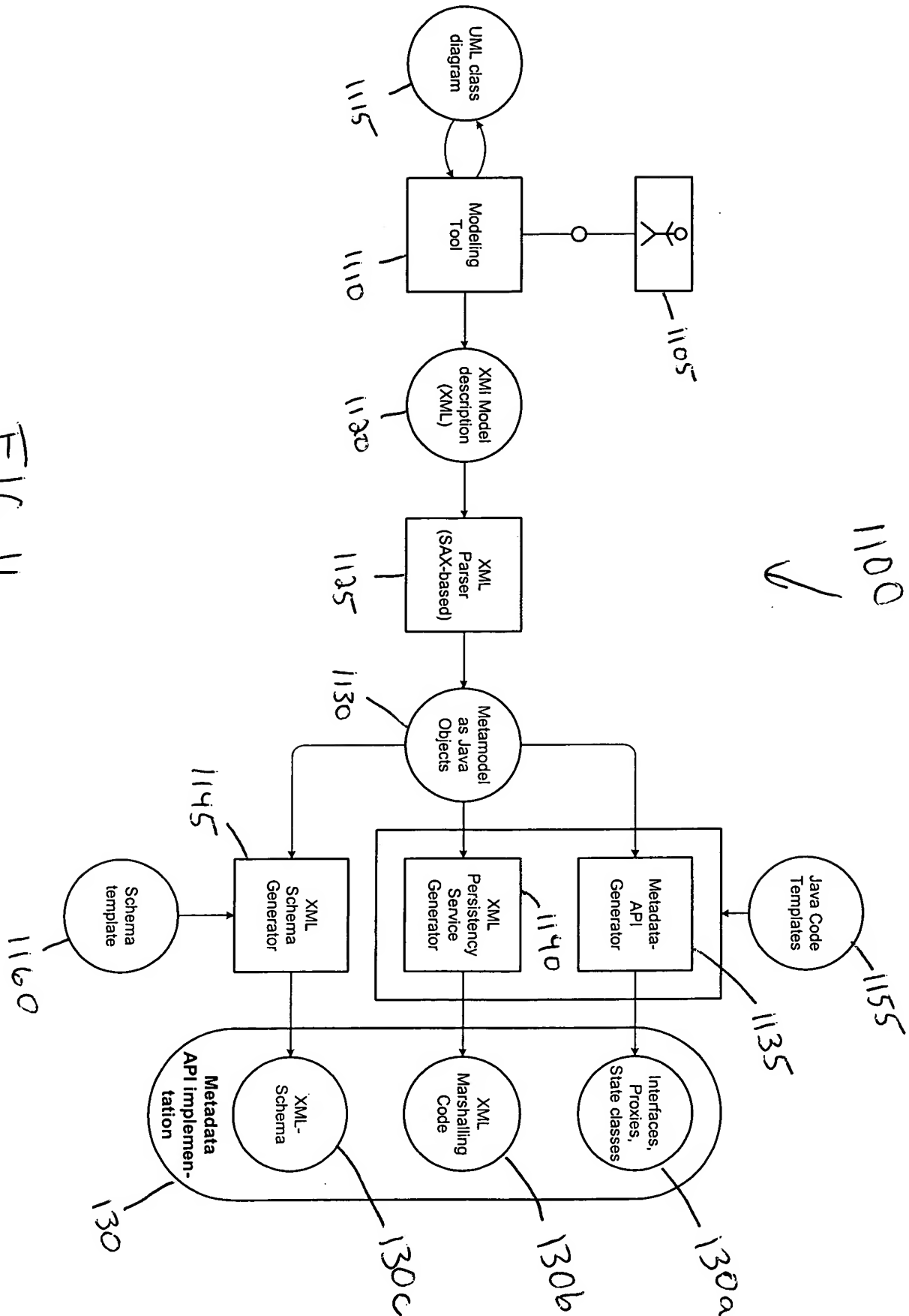


FIG. 11

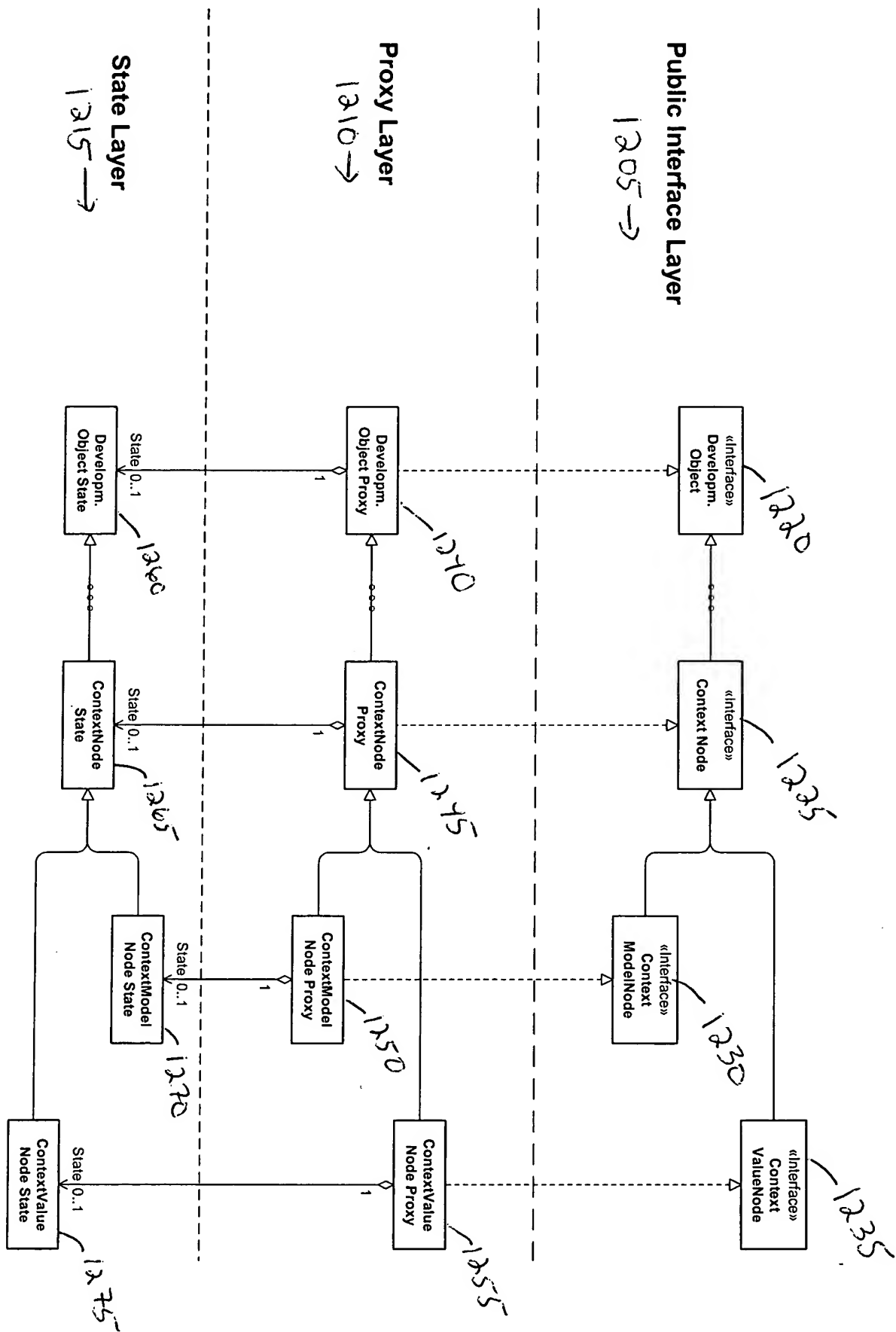


FIG. 12

1200

pure transient states

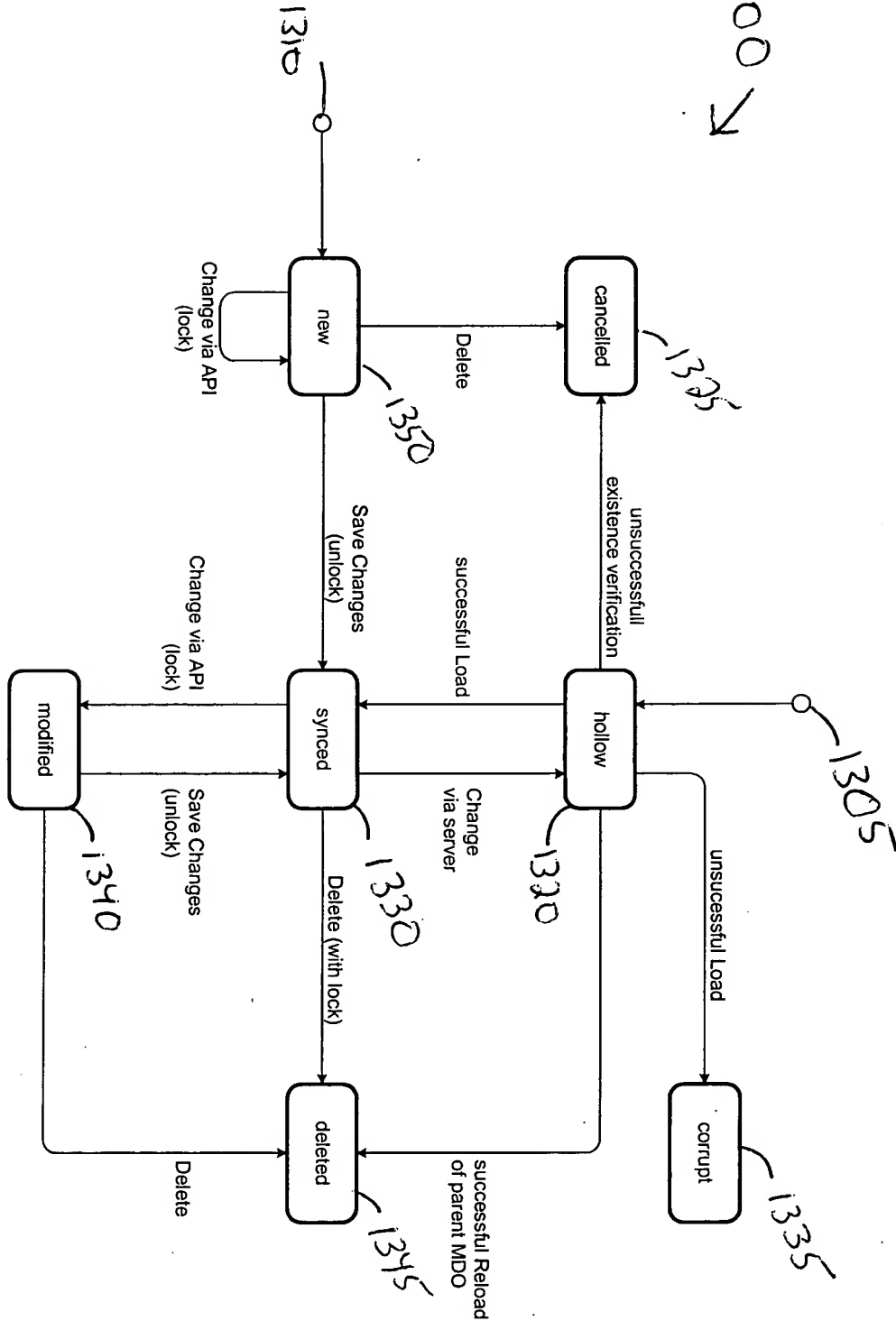


FIG. 13